



1462

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q92097

Akemitsu IIDA, et al.

Appln. No.: 10/560,980

Group Art Unit: NOT YET ASSIGNED

Confirmation No.: 3728

Examiner: NOT YET ASSIGNED

Filed: December 16, 2005

For: GAS PROCESSING METHOD AND GAS PROCESSING APPARATUS UTILIZING  
OXIDATION CATALYST AND LOW-TEMPERATURE PLASMA

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003. The six (6) listed Japanese patent application documents were cited in the Written Opinion of the International Search Authority (copy attached) for counterpart Application No. PCT/JP2004/004521, and the listed non-patent article was discussed at page 2 of the specification.

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The present Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

Applicant encloses herewith a copy of the Written Opinion from the International Searching Authority from WIPO citing the six (6) Japanese patent documents.

It is noted that the documents cited in the Written Opinion were previously cited in the International Search Report filed with the Information Disclosure Statement of December 16, 2005, and thus the Japanese language documents with English language Abstracts thereof are not being submitted again.

However, in further compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith partial English translations of each of the six (6) Japanese Patent document.

Still further in compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:

1. The submission of an English language abstract (see page 71) of Y. MEADA, "*OUTLINE AND PERFORMANCE OF PLASMA DEODORIZER*", Takuma Giho, Vol. 5, No. 1, pages 66 - 71, 1997 also constitutes a concise statement of relevance of Y. MEADA, "*OUTLINE AND PERFORMANCE OF PLASMA DEODORIZER*", Takuma Giho, Vol. 5, No. 1, pages 66 - 71, 1997.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not

INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: 10/560,980

Attorney Docket No.: Q92097

waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

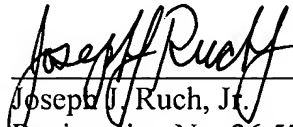
Respectfully submitted,

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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

  
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Date: July 25, 2006

Substitute for Form 1449 A & B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/560,980
				Confirmation Number	3728
				Filing Date	December 16, 2005
				First Named Inventor	Akemitsu IIDA
				Art Unit	NOT YET ASSIGNED
				Examiner Name	NOT YET ASSIGNED
Sheet	1	of	1	Attorney Docket Number	Q92097

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	2002-336653		11-26-2002	Daikin Industry Ltd.	Partial
		JP	2001-179040		07-03-2001	Matsushita Electric Works Ltd.	Partial
		JP	08-266854		10-15-1996	Matsushita Electric Works Ltd.	Partial
		JP	2001-159309		06-12-2001	Toyota Central Res. & Deve. Lab. Inc.	Partial
		JP	05-309231		11-22-1993	Mitsubishi Heavy Ind. Ltd.	Partial
		JP	06-91138		04-05-1994	Mitsui Eng. & Shipbuild Co. Ltd.	Partial

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Y. MAEDA, "OUTLINE AND PERFORMANCE OF PLASMA DEODORIZER", Takuma Giho, Vol. 5, No. 1, pages 66 - 71, 1997	Abstract

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.